

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application. Applicants have submitted a new complete claim set showing marked up claims with insertions indicated by underlining and deletions indicated by strikeouts and/or double bracketing.

Listing of Claims:

1. (Previously Presented) A system for use in client/server computing comprising:
 - a client that interfaces with an applications program, the client including a client print spooler;
 - a server including a server print spooler, the server in communication with the client that responds to a request from the applications program communicated to the server by the client for services available through said server, wherein the server is a print server operable to service print requests from one or more client computers, wherein the print requests are communicated via a first asynchronous communications channel established between the client print spooler and the server print spooler; and
 - a user interface manager that receives a user interface message from the server by means of a second asynchronous communications channel established between the server and the client, the second asynchronous communications channel being distinct from the first asynchronous communications channel, wherein the user interface message is language neutral, and wherein the user interface manager includes a custom message interpreter operable to convert the language neutral message into a language specific message, and wherein the language specific message is displayed to a user via the client.

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2-5. (Canceled)

6. (Currently Amended) A system for use with a printer comprising:

a client including a client print spooler that interfaces with an applications program having a print capability;

a print server in communication with the client via a first asynchronous communications channel, the print server controlling a printing of data communicated to said print server by the client, the data corresponding to a print request from the applications program; and

a user interface manager that communicates with the print server by means of a second asynchronous communications channel with the print server and further wherein the user interface manager responds to a user interface message sent from the print server to display information to a user, the second asynchronous communications channel being distinct from the first asynchronous communications channel.

7. (Original) The system of claim 6 further comprising a user display and wherein the message sent to the client user interface manager is a language neutral message that is interpreted by the user interface manager and converted to another representation for the user display.

8. (Currently Amended) The system of claim 7 wherein the client user interface manager converts a globally unique identifier from the print server to a user understandable message on said display.

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9. (Currently Amended) The system of claim 6 ~~comprising a print spooler residing on the client and wherein~~ the print spooler receives data from the applications program for transmission to the print server via the first asynchronous communications channel and also wherein the print server communicates a message to the user interface manager via the second asynchronous communications channel upon receipt of the print request from the applications program.

10. (Canceled)

11. (Previously Presented) The system of claim 6 wherein the user interface message is a language neutral message sent by the print server through the second asynchronous communications channel based on status of a print job being serviced by the print server.

12. (Canceled)

13. (Original) The system of claim 6 wherein the user interface manager interprets the message and loads an executable component that responds to receipt of said message based on the contents of said message.

14. (Original) The system of claim 13 wherein the executable component accesses resources used by the executable component to display a message on a display monitor.

15-24. (Canceled)

25. (Currently Amended) A computer readable medium for use in client/server computing comprising instructions for:

providing an interface for an application to communicate with a client which in turn communicates with a server, said interface enabling the application to call a service routine on the server by means of an asynchronous remote procedure call initiated by the application, the service routine operable to service a print request of the application, the asynchronous remote procedure call made over a first communications channel, wherein the server is a print server operable to service the print request and wherein the client includes a client print spooler; and

responding to language neutral messages from the server sent over a second communications channel, the second communications channel being distinct from the first communications channel, by interpreting the language neutral messages and presenting a display in response to receipt of said language neutral messages understandable by a user.

26. (Previously Presented) The computer readable medium of claim 25 wherein a client user interface manager interprets the language neutral messages by converting them into language specific messages understandable by the user.

27. (Original) The computer readable medium of claim 25 wherein the server sends a globally unique identifier based on a status of said server and wherein the client converts said globally unique identifier to a user understandable message.

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28. (Currently Amended) The computer readable medium of claim 25 wherein the client comprises a print spooler ~~residing on a client computer and wherein the~~ print spooler receives data from the application for transmission via the first communications channel to the server and also wherein the print server communicates a message to a user interface manager via the second communications channel upon receipt of the print request from the application.

29. (Canceled)

30. (Previously Presented) The computer readable medium of claim 26 wherein the user interface manager accesses an executable component upon receipt of the language neutral messages from the server and wherein the executable component accesses resources used by the executable component to display a message.